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OFFICIAL**PATENT**
IBM Docket No. JP920000247US1

| | |
|--|---|
| Certificate of Mailing/Facsimile 37 CFR §1.8(a) | |
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| Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on <u>January 26, 2004</u> . | |
| Carlos Munoz-Bustamante Person mailing document: |  Signature |

In the United States Patent and Trademark Office**Date:** January 23, 2004**In re Application** Hideyuki Usui
of:**Filed:** October 16, 2001**For:** Connection Enhancement Apparatus and Information
Processing Apparatus**Serial Number:** 09/978,519**Conf. No.:**06/21/2004 TDAWKINS 000000001 001890 09978519
Art Unit: 2835**Examiner:** Lisa Lea-Edmunds

01 FC:1251 110.00 DA

AFTER FINAL AMENDMENT under 37 CFR § 1.116 (c)Hon. Commissioner for Patents
P.O. Box 1450, Alexandria, VA 22313-1450

Sir:

In response to the Office Action dated September 25, 2003 with period for response ending December 25, 2003, Applicants respectfully seek entry of the following amendment and remarks under 37 CFR § 1.116 (c). It is believed entry of this response would serve to facilitate prosecution by placing this case in condition for allowance.

SN: 09/978,519

- 1 -



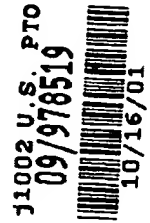
JP920000247US1

Practitioner's D ck t N . JP920000247US1
Customer No.: 25299

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Box Patent Application
Assistant Commissioner for Patents
Washington, D.C. 20231



NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of

Inventor(s): Hideyuki Usui; Hiroaki Agata; Kazuhiko Yamazaki;

For (title): **CONNECTION ENHANCEMENT APPARATUS AND INFORMATION
PROCESSING APPARATUS**

1. Type of Application

This transmittal is for an original (nonprovisional) application.

CERTIFICATION UNDER 37 C.F.R. SECTIONS 1.8(a) AND 1.10*

I hereby certify that, on the date shown below, this correspondence is being:

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[X] deposited with the United States Postal Service in an envelope addressed to the Assistant Commissioner for Patents,
Washington, D.C. 20231.

37 C.F.R. Section 1.8(a)

37 C.F.R. Section 1.10*

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Date: Oct. 16, 2001

Signature

Amirah Scarborough

(type or print name of person certifying)

JP920000247US1

Page 1 of 4

8. Authorizati n t Charg Additi nal Fees

The Commissioner is hereby authorized to charge the following additional fees by this paper and during the entire pendency of this application to Account No. 09-1990.

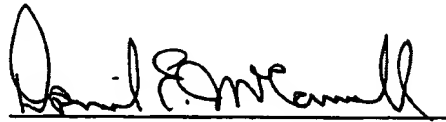
37 C.F.R. Section 1.16(a), (f) or (g) (filing fees)

37 C.F.R. Section 1.16(b), (c) or (d) (presentation of extra claims)

9. Instructions as to Overpayment

Credit Account No. 09-1990.

Date: 10-16-2001



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109701: 67532600

PATENT

IBM Docket No. JP920000247US1

Respectfully Submitted,



Carlos Munoz-Bustamante

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Intellectual Property Law
Department 9CCA/Building 002-2
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SN: 09/978,519

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PATENT APPLICATION FEE DETERMINATION RECORD
Effective October 1, 2001

09/978519

CLAIMS AS FILED - PART I

| | (Column 1) | (Column 2) |
|---|--------------|--------------|
| TOTAL CLAIMS | | |
| FOR | NUMBER FILED | NUMBER EXTRA |
| TOTAL CHARGEABLE CLAIMS | minus 20 = * | |
| INDEPENDENT CLAIMS | minus 3 = * | |
| MULTIPLE DEPENDENT CLAIM PRESENT <input type="checkbox"/> | | |

* If the difference in column 1 is less than zero, enter "0" in column 2

CLAIMS AS AMENDED - PART II

| | (Column 1) | (Column 2) | (Column 3) |
|---|----------------------------------|------------------------------------|---------------|
| AMENDMENT A | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
| Total | * | Minus ** | = |
| Independent | * | Minus *** | = |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/> | | | |

1-26-04

| | (Column 1) | (Column 2) | (Column 3) |
|---|----------------------------------|------------------------------------|---------------|
| AMENDMENT B | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
| Total | * 8 | Minus ** 20 | = - |
| Independent | * 5 | Minus *** 5 | = - |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/> | | | |

| | (Column 1) | (Column 2) | (Column 3) |
|---|----------------------------------|------------------------------------|---------------|
| AMENDMENT C | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
| Total | * | Minus ** | = |
| Independent | * | Minus *** | = |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/> | | | |

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
 ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."
 *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."
 The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

SMALL ENTITY TYPE ☐

OR OTHER THAN SMALL ENTITY

| RATE | FEE |
|-----------|--------|
| BASIC FEE | 370.00 |
| X\$ 9= | |
| X42= | |
| +140= | |
| TOTAL | |

| RATE | FEE |
|-----------|--------|
| BASIC FEE | 740.00 |
| X\$18= | |
| X84= | |
| +280= | |
| TOTAL | |

SMALL ENTITY

OR OTHER THAN SMALL ENTITY

| RATE | ADDITIONAL FEE |
|--------|----------------|
| X\$ 9= | |
| X42= | |
| +140= | |
| TOTAL | |

| RATE | ADDITIONAL FEE |
|--------|----------------|
| X\$18= | |
| X84= | |
| +280= | |
| TOTAL | |

| RATE | ADDITIONAL FEE |
|--------|----------------|
| X\$ 9= | |
| X42= | |
| +140= | |
| TOTAL | |

| RATE | ADDITIONAL FEE |
|--------|----------------|
| X\$18= | |
| X84= | |
| +280= | |
| TOTAL | |

| RATE | ADDITIONAL FEE |
|--------|----------------|
| X\$ 9= | |
| X42= | |
| +140= | |
| TOTAL | |

| RATE | ADDITIONAL FEE |
|--------|----------------|
| X\$18= | |
| X84= | |
| +280= | |
| TOTAL | |